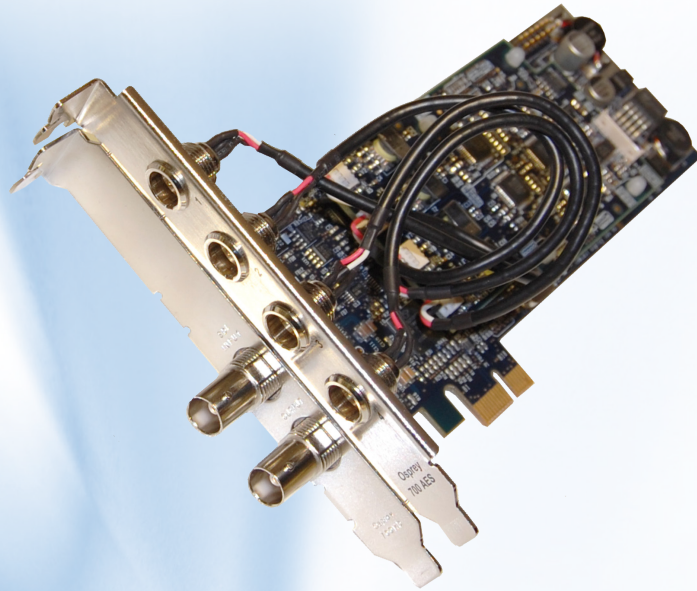


Osprey[®] 710e HD

Video Capture Card

Professional quality HD streaming performance.



The Osprey 710e HD features a high-definition SDI video input, with an additional SDI/BNC monitor out to facilitate workflow. In addition to 8 channels of embedded SDI audio (4 stereo pairs), the Osprey 710e HD includes 4 stereo pairs of AES/EBU digital audio inputs implemented across mini XLR connectors, providing maximum audio flexibility.

Optimized for live streaming.

The Osprey 710e HD will automatically detect and adapt on-the-fly when the input video format changes from SD to HD. Wide screen signaling is also standard. And, the loss of video detection lets you automatically substitute internally generated NTSC color bars with an optional text overlay.

Multi-platform delivery.

The Osprey 710e HD includes our SimulStream[®] technology that allows you to stream to multiple devices – in various formats, bit rates and resolutions – simultaneously, from a single video source. The Osprey 710e HD is the ideal HD solution to meet the demands of today's multi-platform digital media marketplace.

Ideal Solutions

- > Broadcasters
- > Government
- > Global OEM systems integrators

Applications

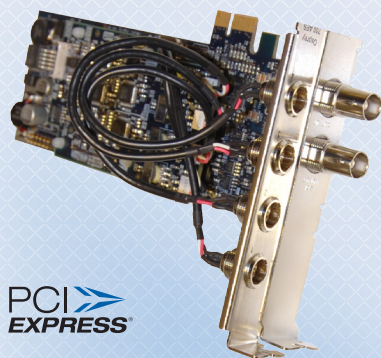
- > Webcasting
- > Live streaming
- > Podcasting
- > Mobile TV
- > Video on Demand

Key Attributes

- > Automatically adapts between SD and HD signals
- > On-the-fly HD to SD downscaling
- > PCIe host interface
- > SimulStream option enables:
 - Completely independent settings for sizing, scaling and bit rate speeds, plus logo overlays with dynamic positioning
 - A multitude of simultaneous video format outputs
- > Low-profile architecture for form-factor constrained environments
- > Professional broadcaster features, such as loss of video detection, color space conversion, automatic telecine detection and processing, and automatic optimization for changing motion content

OSPREY® 710e HD

Video Capture Card



PCI
EXPRESS

4 mini XLR-XLR cables
(included)

Supported Modes

1920 x 1080/60/i	1280 x 720/30
1920 x 1080/59.94/i	1280 x 720/29.97
1920 x 1080/50/i	1280 x 720/25
1920 x 1080/30/p	1280 x 720/24
1920 x 1080/29.97/p	1280 x 720/23.98
1920 x 1080/25/p	720 x 480/30/i
1920 x 1080/24/p	720 x 480/29.97/i
1920 x 1080/23.98/p	720 x 576/25/i
1280 x 720/60	720 x 576/50/p
1280 x 720/59.94	720 x 576/25/p
1280 x 720/50	

* PsF modes have not been tested.

Specifications

Driver Support:

- Microsoft® DirectShow® API

Inputs:

Video:

- SDI (BNC x 1)

Audio:

- Embedded SDI (4 stereo pair)
- AES digital audio (4 stereo pair, 4 x mini XLR)
(4 mini XLR-XLR cables)

Loop Outputs:

Video:

- SDI monitor out

Audio:

- Embedded SDI monitor out

Connectivity:

PCI Express (x 1):

- Slots: x 1, x 4, x 8, or x 16

Pre-Processing:

- Closed-caption extraction / rendering (SD only)
- Logo / bitmap overlay
- Scaling, cropping, de-interlacing and inverse telecine
- Loss of video automatic test pattern generation with text overlay option

Dimensions:

- Half-height / half-length board
- 6.60" L x 2.71" H (16.77cm L x 6.89cm H)
- Includes low-profile brackets (low profile AES option requires 2 brackets) (included)

Hardware Warranty:

- 1 year limited hardware warranty

System Requirements:

- Video capture requires intense bandwidth across the system bus, CPU, and memory. North Bridge PCIe slots are strongly recommended.
- Multi-core processors (4 or more) are recommended to run video applications.

ViewCast® Delivering Video Whenever, Wherever

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